



#5

#5/AmtdA
(172)
Nlw
7/19/04

In The United States Patent And Trademark Office

Appn. Number: 10/015,307

Appn. Filed; Dec. 12, 2001

5 Applicants: Franklin ZhiGang Zhang

Title: Expandable Computer Board with Dual Shield Housing
Solutions

Examiner/GAU Hung S Bui/2841

10

Amendment A

Assistant Commissioner for Patents

Washington, District of Columbia 20231

15 Sir:

In response to the Office Action mailed 2003 March 29, please amend the above application as followings:

20 **Title:** Change to – Computer board with dual shield housing and heat sink
expansion zone apparatuses

Background:

25 Page 2, line 10, change “strictly” to – strict—

Page 2, line 23, change “the interactive interference between the” to –the
interference among the—

RECEIVED

DEC 11 2003

OFFICE OF PETITIONS

Summary:

Page 2, line 30, change "The present invention..... circumstance" to –The present invention provides a computer system board with dual shield and heat
 5 sink expansion for limit space and critical application circumstance.—

Page 2, line 32, change " On this Houses" to – The shield expansion houses provide EMI shield and heat conduct for the daughter board inside.—

10 Page 3, line 1, change "an expansion zone" to –an on PCB expansion zone—
 Page 3, line 8, change "housing cover as long as the shield" to –housing cover and the on PCB shield—

DESCRIPTION-Preferred Embodiment

15

Page 4, line 16, change "and expansion" to –and on PCB expansion—

Page 4, line 22, change "two shield expansion" to – two on PCB shield expansion—

Page 5, line 14, change "and add-on extra heat sink 22 can be attached to" to –
 20 an add-on, extra heat sink 22 is attached to—

Page 5, line 30 to 31, change "Some of them ...better heat distribution." to –Heat conduct blades 213 and 214 are added on to IC 215 & 216 to provide better heat distribution.—

Page 5, line 33, change "heat sink 22 can always be added" to –hest sink 22 is
 25 added—

Conclusion, Ramifications, and Scope

Page 6, line 20, change "more than one shield" to –more than two shield—

Page 6, line 21 to 22, delete "Additional heat sink ...high heat"